

68730 AND 69112, PROTEIN KINASE MOLECULES AND USES THEREFOR**Abstract**

The invention provides isolated nucleic acid molecules, designated 68730 and 69112 nucleic acid molecules, which encode novel protein kinases. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 68730 and 69112 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 68730 and 69112 gene has been introduced or disrupted. The invention still further provides isolated 68730 and 69112 proteins, fusion proteins, antigenic peptides and anti-68730 and anti-69112 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.